

Converting Colors

YUV(169.7940, 42.0066,
-126.9843)

Have a look what the booklet for
YUV(169.7940, 42.0066, -126.9843)
contains.

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Color

**YUV(169.7940, 42.0066,
-126.9843)**

Conversions

Conversions Part 1

Format	Color
Hex	19E3FF
RGB	25, 227, 255
RGB Percent	10%, 89%, 100%
CMY	0.9020, 0.1098, 0.0000
CMYK	0.90, 0.11, 0.00, 0.00
HSL	187°, 100%, 55%
HSV	187°, 90%, 100%
XYZ	45.9200, 62.3648, 104.2251
YIQ	169.7940, -129.3800, -34.1160

Conversions

Conversions Part 2

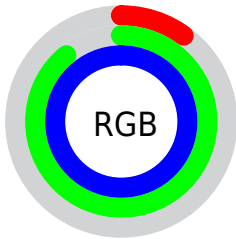
Format	Color
R _Y B	25, 133, 255
Decimal	1696767
CIE Lab	83.11, -34.85, -26.23
CIE LCh	83, 43.619, 216.969
Yxy	62.3648, 0.2161, 0.2935
Android (android.graphics.Color)	4279886847 (0xFF19E3FF)
YUV	169.7940, 42.0066, -126.9843
Hunter-Lab	78.9714, -34.4065, -22.9699

Details

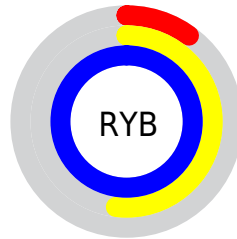
The YUV color **169.7940, 42.0066, -126.9843** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **110.2060, -42.0066, 126.9843**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **122.9490, 37.0001, -107.8263** is the 20% darker color. If you saturate the color by 10%, you get **160.5580, 46.5599, -140.8094**, and if you desaturate by 10%, it is **179.0300, 37.4532, -113.1593**.

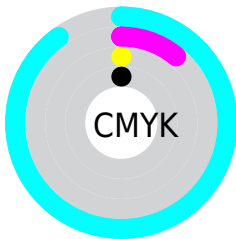
Distribution



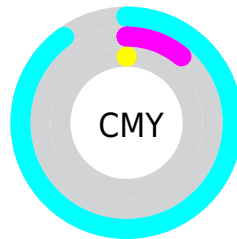
- Red (10%)
- Green (89%)
- Blue (100%)



- Red (10%)
- Yellow (52%)
- Blue (100%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7940, 42.0066, -126.9843 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 169.7940, 42.0066, -126.9843 by changing the saturation by 10% instead.

169.7940, 42.0066,
-126.9843

169.7940, 42.0066,
-126.9843

255.0000, 0.0000,
0.0000

142.5770, 41.1275,
-125.0400

215.2330, 19.6051,
-81.7653

122.9490, 37.0001,
-107.8263

225.3990, 14.5933,
-60.8629

104.0220, 33.0202,
-91.2273

235.2660, 9.7289,
-40.5753

85.6820, 28.7508,
-75.1431

244.8340, 5.0118,
-20.9024

68.1570, 25.0656,
-59.7737

254.7010, 0.1474,
-0.6148

51.2190, 21.0910,
-44.9191

34.9820, 17.2639,

-30.6792

■ 17.7990, 14.8891,
-15.6097

■ 3.5510, 11.0674,
-3.1142

■ 169.7940, 42.0066,
-126.9843

■ 169.7940, 42.0066,
-126.9843

■ 160.5580, 46.5599,
-140.8094

■ 179.0300, 37.4532,
-113.1593

■ 188.5650, 32.7525,
-98.7195

■ 197.8010, 28.1991,
-84.8945

■ 207.3360, 23.4984,
-70.4547

■ 217.1590, 18.6556,
-57.1444

■ 226.6940, 13.9549,
-42.7046

■ 235.9300, 9.4015,
-28.8796

■ 245.4650, 4.7008,
-14.4398

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.5750, 17.4645, -95.2203



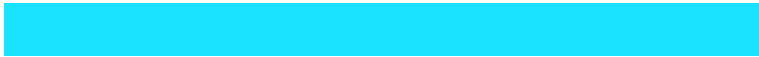
169.7940, 42.0066, -126.9843



185.4190, 34.3034, -82.8055

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169.7940, 42.0066, -126.9843



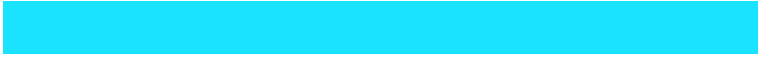
209.2650, 15.1524, 40.1096



203.5070, -39.1970, 18.8494

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



169.7940, 42.0066, -126.9843



110.2060, -42.0066, 126.9843

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205.1710, -36.0733, 43.7000



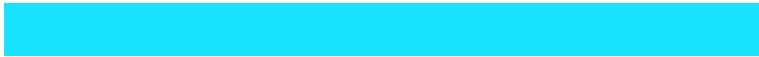
169.7940, 42.0066, -126.9843



201.6560, -1.3094, 46.7827

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169.7940, 42.0066, -126.9843



209.3370, 22.5119, 12.8595



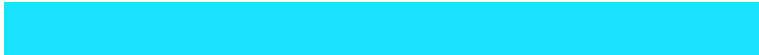
200.7320, -20.0809, 47.5930



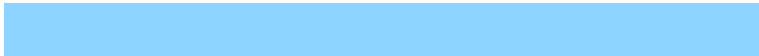
198.3330, -28.7582, -16.0780

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.7940, 42.0066, -126.9843



195.3740, 29.3956, -48.5630



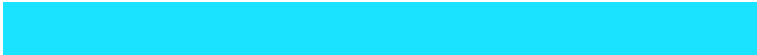
200.7320, -20.0809, 47.5930



204.4590, -39.6663, 29.4155

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



169.7940, 42.0066, -126.9843



229.6730, 12.4862, -38.3012



163.0880, -54.7664, -121.1032



112.8060, 7.4906, -22.6319



0.0000, 0.0000, 0.0000



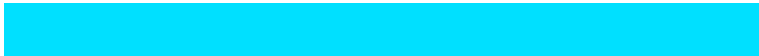
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.7940, 42.0066, -126.9843



160.5580, 46.5599, -140.8094



102.8760, 74.9971, -68.2973



122.9390, 2.4951, -6.9625



120.3900, 34.8107, -105.5820



40.1680, 11.7492, -35.2273

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



116.7980, 54.3296, 121.2032



101.7810, 60.2540, 134.3731



177.1240, -74.9971, 68.2973



120.1410, 2.8885, 6.8923



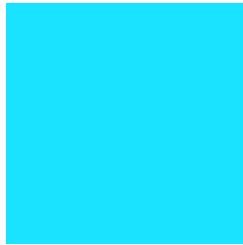
76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 169.7940, 42.0066, -126.9843 looks on a white background.

Color Contrast Check

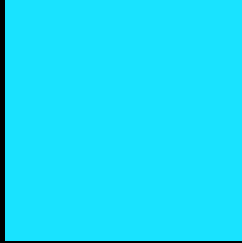
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 169.7940, 42.0066, -126.9843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

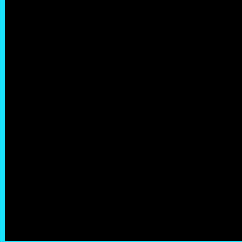
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.7940, 42.0066, -126.9843 Background



This preview shows how black text looks on a background with the YUV color 169.7940, 42.0066, -126.9843.

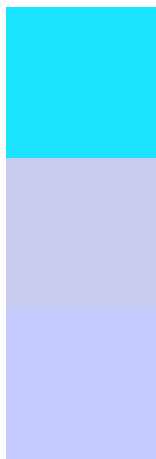


This preview shows how white text looks on a background with the YUV color 169.7940, 42.0066, -126.9843.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

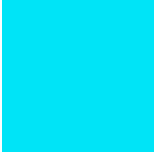
169.7940, 42.0066, -126.9843

Protanopia

205.6090, 16.4618, -6.6731

Deuteranopia

206.5470, 23.8873, -8.3727



Tritanopia

161.9940, 41.9080, -142.0687

Trichromacy



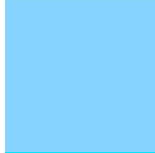
Original Color

169.7940, 42.0066, -126.9843



Protanomaly

192.7390, 25.7647, -50.6371



Deuteranomaly

192.9930, 30.5695, -51.7369



Tritanomaly

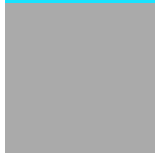
165.0270, 41.8917, -136.8357

Monochromacy



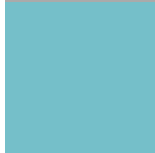
Original Color

169.7940, 42.0066, -126.9843



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0140, 15.2761, -46.4933

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7940, 42.0066, -126.9843 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(25, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 227, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(25, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 169.7940, 42.0066, -126.9843 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 227, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(25, 227, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(25, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 169.7940, 42.0066, -126.9843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 227, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(25, 227,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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